

## Mechanical Strength High-Performance Alumina Silica Refractory Bricks ISO9001

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RSAS60, RSAS70, RSAS75, RSAS80
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



### Product Specification

- Highlight: Alumina Silica Refractory Bricks, Mechanical Strength Refractory Bricks, High Performance Alumina Silica Refractory Bricks

Our Product Introduction

### Product Description

**Product Description of Good Price High-Performance Alumina Silica Refractory Bricks From Rongsheng Refractory**  
 Rongsheng Refractory proudly offers its high-performance Alumina Silica Refractory Bricks, designed for exceptional performance in high-temperature industrial applications. Composed of a precise blend of alumina ( $Al_2O_3$ ) and silica ( $SiO_2$ ), these refractory bricks exhibit superior thermal stability, corrosion resistance, and mechanical strength, making them the perfect solution for challenging environments where durability and heat resistance are crucial.



#### Key Features of Alumina Silica Refractory Bricks

**Extreme Heat Resistance:** Capable of withstanding temperatures as high as 1,750°C, these bricks provide unmatched thermal stability, ensuring reliable performance in industrial furnaces.

**Resistance to Corrosion and Erosion:** Alumina silica bricks are highly resistant to aggressive chemical exposure, performing well in environments where acidic and alkaline substances are present.

**Excellent Mechanical Strength:** Built for longevity, these bricks maintain their structural integrity even under prolonged exposure to high temperatures.

**Low Thermal Conductivity:** The insulating properties of alumina silica bricks help retain heat, improving energy efficiency and reducing operating costs.

#### Applications of Alumina Silica Refractory Bricks

Alumina silica refractory bricks are versatile and widely used across various industries, including:

**Steel Industry:** Ideal for lining blast furnaces, converters, and other steelmaking equipment that requires high heat resistance.

**Cement Kilns:** Commonly used in rotary kilns and preheater towers due to their ability to endure extreme operational conditions.

**Glass Melting Tanks:** Ensure long-lasting durability in glass production, where resistance to temperature fluctuations is key.

**Ceramics:** Highly recommended for use in ceramic kilns where insulation and durability are essential for optimal performance.

#### Product Specification of Rongsheng Refractory Alumina Silica Refractory Bricks

Item	RSAS60	RSAS70	RSAS75
AL <sub>2</sub> O <sub>3</sub> (%)	≥60	≥70	≥75
SIO <sub>2</sub> (%)	32	22	20
Fe <sub>2</sub> O <sub>3</sub> (%)	≤1.7	≤1.8	≤1.8
Refractoriness °C	1790	>1800	>1825
Bulk density,g/cm <sup>3</sup>	2.4	2.45-2.5	2.55-2.6
Softening temperature under load	≥1470	≥1520	≥1530
Apparent porosity,%	22	<22	<21
Cold Crushing strength Mpa	≥45	≥50	≥54

#### Why Choose Rongsheng Refractory?

At Rongsheng Refractory, we bring over a decade of experience in manufacturing and supplying high-quality refractory products. Our Alumina Silica Refractory Bricks are engineered with the highest standards of craftsmanship to ensure maximum efficiency and longevity in the toughest industrial conditions.

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